

Converting Colors

$Yxy(35.6958, 0.2814, 0.4498)$

Have a look what the booklet for
Yxy(35.6958, 0.2814, 0.4498)
contains.

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Color

Yxy(35.6958, 0.2814, 0.4498)

Conversions

Conversions Part 1

Format	Color
Hex	4AB571
RGB	74, 181, 113
RGB Percent	29%, 71%, 44%
CMY	0.7095, 0.2902, 0.5569
CMYK	0.59, 0.00, 0.38, 0.29
HSL	142°, 42%, 50%
HSV	142°, 59%, 71%
XYZ	22.3317, 35.6958, 21.3318
YIQ	141.2550, -41.9440, -43.8320

Conversions

Conversions Part 2

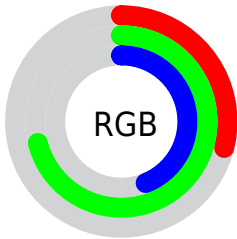
Format	Color
RYB	74, 152, 181
Decimal	4896113
CIELab	66.29, -46.15, 25.72
CIElCh	66, 52.835, 150.876
Yxy	35.6958, 0.2814, 0.4498
Android (android.graphics.Color)	4283086193 (0xFF4AB571)
YUV	141.2550, -13.9297, -58.9826
Hunter-Lab	59.7460, -37.8361, 20.6532

Details

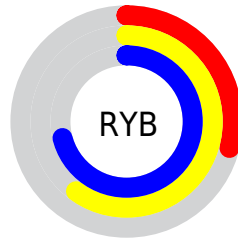
The Yxy color **35.6958, 0.2814, 0.4498** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **16.6854, 0.3742, 0.2366**, and the grayscale version is **26.8164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7712, 0.2893, 0.4244**, and **15.5489, 0.2706, 0.4941** is the 20% darker color. If you saturate the color by 10%, you get **34.8355, 0.2795, 0.4744**, and if you desaturate by 10%, it is **36.7986, 0.2848, 0.4256**.

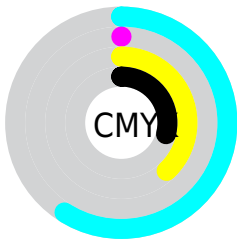
Distribution



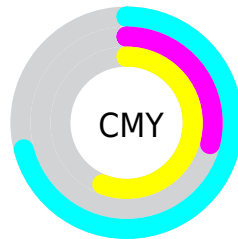
- Red (29%)
- Green (71%)
- Blue (44%)



- Red (29%)
- Yellow (60%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (38%)
- Black (29%)




- Cyan (71%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6958, 0.2814, 0.4498 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 35.6958, 0.2814, 0.4498 by changing the saturation by 10% instead.


 35.6958, 0.2814,
0.4498


 35.6958, 0.2814,
0.4498


327.6290, 0.3000,
0.3826

 24.1993, 0.2756,
0.4691


 68.5623, 0.2889,
0.4236


 15.4816, 0.2674,
0.4954


 90.7011, 0.2915,
0.4143


 9.1581, 0.2548,
0.5332


 117.1562, 0.2936,
0.4067

 4.8444, 0.2341,
0.5913

 148.3119, 0.2953,
0.4003

 2.1563, 0.2018,
0.7413

 184.5526, 0.2968,
0.3948

 0.6960, 0.0000,
1.0000

226.2628, 0.2980,

 0.0000, 0.0000,

0.3902

0.0000

273.8268, 0.2990,
0.3861

■ 35.6958, 0.2814,
0.4498

■ 35.6958, 0.2814,
0.4498

■ 34.8355, 0.2795,
0.4744

■ 36.7986, 0.2848,
0.4256

■ 34.1939, 0.2793,
0.4984

■ 38.1568, 0.2894,
0.4025

■ 33.7496, 0.2809,
0.5209

■ 39.7875, 0.2948,
0.3809

■ 33.4620, 0.2838,
0.5410

■ 41.7050, 0.3007,
0.3612

■ 33.4387, 0.2841,
0.5428

■ 43.9227, 0.3070,
0.3434

■ 46.4530, 0.3133,
0.3276

■ 49.3076, 0.3196,
0.3137

■ 52.4978, 0.3257,
0.3014

■ 56.0340, 0.3315,
0.2907

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.6958, 0.3580, 0.4781



35.6958, 0.2814, 0.4498



35.6958, 0.2175, 0.3713

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.6958, 0.2814, 0.4498



35.6958, 0.2006, 0.2096



35.6958, 0.4638, 0.3401

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.6958, 0.2814, 0.4498



16.6854, 0.3742, 0.2366

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.6958, 0.4105, 0.2847



35.6958, 0.2814, 0.4498



35.6958, 0.2529, 0.2133

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.6958, 0.2814, 0.4498



35.6958, 0.1767, 0.2329



35.6958, 0.3293, 0.2400



35.6958, 0.4677, 0.3989

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.6958, 0.2814, 0.4498



35.6958, 0.1901, 0.3136



35.6958, 0.3293, 0.2400



35.6958, 0.4510, 0.3210

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.6973, 0.2814, 0.4498



74.9843, 0.3012, 0.3597



39.4329, 0.3595, 0.4857



15.9793, 0.2994, 0.3652



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6973, 0.2814, 0.4498



61.9940, 0.2792, 0.4819



37.2203, 0.2496, 0.3553



9.5395, 0.3068, 0.3438



23.0650, 0.2835, 0.5404



0.7372, 0.2669, 0.4807

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.6854, 0.3742, 0.2366



24.7874, 0.3945, 0.2231



15.4701, 0.4646, 0.3077



8.5932, 0.3191, 0.3146



7.6412, 0.4374, 0.2183



0.2512, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 35.6958, 0.2814, 0.4498 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.6958, 0.2814, 0.4498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6958, 0.2814, 0.4498

Background



This preview shows how black text looks on a background with the Yxy color 35.6958, 0.2814, 0.4498.

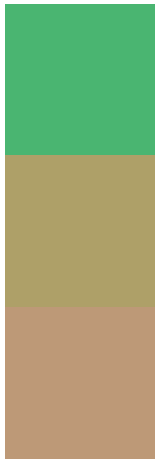


This preview shows how white text looks on a background with the Yxy color 35.6958, 0.2814, 0.4498.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.6958, 0.2814, 0.4498

Protanopia

35.1398, 0.3789, 0.4094

Deuteranopia

34.9332, 0.3841, 0.3758



Tritanopia

35.4831, 0.2451, 0.3069

Trichromacy



Original Color

35.6958, 0.2814, 0.4498



Protanomaly

34.4701, 0.3361, 0.4269



Deuteranomaly

33.6818, 0.3380, 0.4016



Tritanomaly

35.1894, 0.2579, 0.3556

Monochromacy



Original Color

35.6958, 0.2814, 0.4498



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

29.1975, 0.2975, 0.3724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6958, 0.2814, 0.4498 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 181, 113)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 181, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 113) }
```

Border

The CSS property to change the border of an element to Yxy 35.6958, 0.2814, 0.4498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

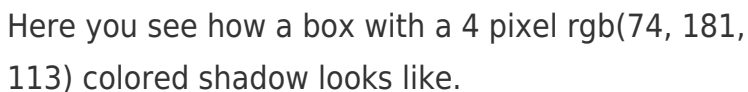
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 181, 113) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 181, 113) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(74, 181, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 113);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6958, 0.2814, 0.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 181,  
113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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